

## QUANTITATIVELY FORCE-SENSING COMPUTER KEYBOARD

### ABSTRACT OF THE DISCLOSURE

A computer keyboard includes a frame, a grid of conductors located on the frame and forming a plurality of intersections, and a plurality of keys located above the plurality of intersections. Each key is associated with an intersection and configured to create an electrical connection between the conductors of the associated intersection during a key press. The keyboard further includes a base, a plurality of force sensors located between the base and the frame; and a microprocessor. The microprocessor has a plurality of conductor pins each in electrical contact with one of the conductors of the grid, and is also coupled to the force sensors so as to receive force data output from the force sensors.